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PATENT  
1752-0151P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Akio INOUE et al. Conf.: 8894  
Appl. No.: 09/983,067 Group: 1614  
Filed: October 23, 2001 Examiner: UNASSIGNED  
For: PROCESS FOR PRODUCING PEPTIDES BY USING  
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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION AFTER FILING OF AN APPLICATION  
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE  
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION  
OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents  
Washington, DC 20231

October 17, 2002

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☐ Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

- b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

- c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

- d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b) :  
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. ☐ concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- d. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.  
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c) :  
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before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. ☐ No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)

- ☐ A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

Appl. No. 09/983,067

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Gerald M. Murphy, Jr., #28,977

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Falls Church, VA 22040-0747  
(703) 205-8000

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1752-0151P

Enclosures: ☒ PTO-1449  
☒ Documents  
☐ Foreign Search Report  
☐ Fee  
☐ Other:

(Rev. 10/31/01)



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Sheet 1 of 9 (10/15/02)

Form PTO-1449

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**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

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						YES	NO

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

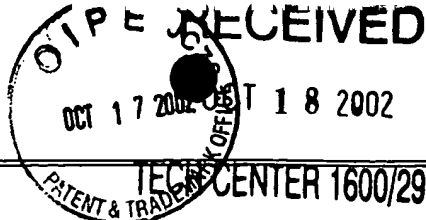
✓	Romit MAJUMDAR et al., <i>Nucleic Acids Research</i> , Vol. 30, No. 5, (2002), pp.1154-1162.
)	Amitabha BANDYOPADHYAY et al., <i>The Journal of Biological Chemistry</i> , Vol. 277, No. 3, (January 18, 2002), pp.2360-2367.
✓	Sharon MCGONIGLE et al., <i>Biochemistry</i> , Vol. 41, (2002), pp.579-587.
✓	Ivan VENTOSO et al., <i>PNAS</i> , Vol. 98, No. 23, (November 6, 2001), pp.12966-12971.
✓	Xavier SAELENS et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 45, (November 9, 2001), pp.41620-41628.
✓	Wei LI et al., <i>FEBS Letters</i> , Vol. 507, (2001), pp.1-5.
✓	Linda MCKENDRICK et al., <i>Eur. J. Biochem</i> , Vol. 268, (2001), pp.5375-5385.
✓	Dezemonia PETRELLI et al., <i>The EMBO Journal</i> , Vol. 20, No. 16, (2001), pp.4560-4569.
✓	Iraj K. ALI et al., <i>The EMBO Journal</i> , Vol. 20, No. 15, (2001), PP.4233-4242.
✓	Wei LI et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 31, (August 3, 2001), pp.29111-29115.
✓	Francisco CAMPOS et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 30, (July 27, 2001), pp.28388-28394.
✓	José-Manuel MINGOT et al., <i>The EMBO Journal</i> , Vol. 20, No. 14, (2001), pp.3685-3694.
✓	Thanuja KRISHNAMOORTHY et al., <i>Molecular and Cellular Biology</i> , Vol. 21, No. 15, (August 2001), pp.5018-5030.

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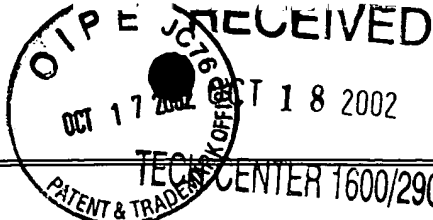
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/	Martin BUSHELL et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 26, (June 29, 2001), pp.23922-23928.
/	Tzann-Wei WANG et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No.20, (May 18, 2001), pp.17541-17549.
/	Nadia L. KORNEEVA et al, <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 4, (January 26, 2001), pp.2872-2879.
/	Linda MCKENDRICK et al., <i>Molecular and Cellular Biology</i> , Vol. 21, No. 11, (June 2001), pp.3632-3641.
/	Katsura ASANO et al, <i>The EMBO Journal</i> , Vol. 20, No. 9, (2001), pp.2326-2337.
/	Diana DOMINGUEZ et al., <i>Biochem. J.</i> , Vol. 355, (2001), pp.223-230.
/	Supratik DAS et al, <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 9, (March 2, 2001), pp.6720-6726.
/	Uttiya BASU et al, <i>Molecular and Cellular Biology</i> , Vol. 75, No. 5, (March 2001), pp.1453-1462.
/	Joseph NIKA et al, <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 2, (January 12, 2001), pp.1051-1056.
/	Joseph MARCOTRIGIANO et al., <i>Molecular Cell</i> , Vol. 7, (January 2001), pp.193-203.
/	Fiona E.M. PAULIN et al., <i>Current Biology</i> , Vol. 11, No. 1, (2001), pp.55-59.
/	Avital YAHALOM et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 1, (January 5, 2001), pp.334-340.
/	Seong-Whan PARK et al, <i>Mol. Cells</i> , Vol. 10, No. 6, (2000), pp.626-632.

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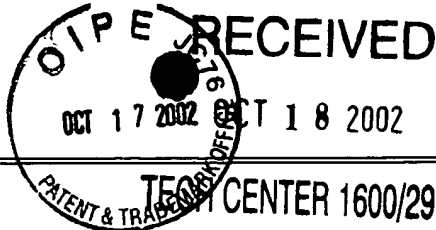
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✓	Da-Qing YANG et al., <i>Nature Cell Biology</i> , Vol. 2, (December 2000), pp.893-898.
✓	Nadia L. KORNEEVA et al, <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 52, (December 29, 2000), pp.41369-41376.
✓	David C. SCHWARTZ et al., <i>Molecular and Cellular Biology</i> , Vol. 20, No. 21, (November 2000), pp.7933-7942.
✓	Tobias von der HAAR et al., <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 39, (September 29, 2000), pp.30551-30555.
✓	Katsura ASANO et al., <i>Genes &amp; Development</i> , Vol. 14, (2000), pp.2534-2546.
✓	Tracy G. ANTHONY et al., <i>Biochimica et Biophysica Acta</i> , Vol. 1492, (2000), pp.56-62.
✓	Cristine VILELA et al., <i>The EMBO Journal</i> , Vol. 19, No. 16, (2000), pp.4372-4382.
✓	Gerd LIPOWSKY et al., <i>The EMBO Journal</i> , Vol. 19, No. 16, (2000), pp.4362-4371.
✓	Simon LÉONARD et al., <i>Journal of Virology</i> , Vol. 74, No. 17, (September 2000), pp.7730-7737.
✓	Evgeny V. PILIPENKO et al., <i>Genes &amp; Development</i> , Vol. 14, (2000), pp.2028-2045.
✓	Terence P. HERBERT et al., <i>Current Biology</i> , Vol. 10, No. 13 (2000), pp.793-796.
✓	Chia-Lung HOU et al., <i>BLOOD</i> , Vol. 96, No. 2, (July 15, 2000), pp.747-753.
✓	Victoria G. KOLUPAEVA et al, <i>Journal of Virology</i> , Vol. 74, No. 14, (July 2000), pp.6242-6250.

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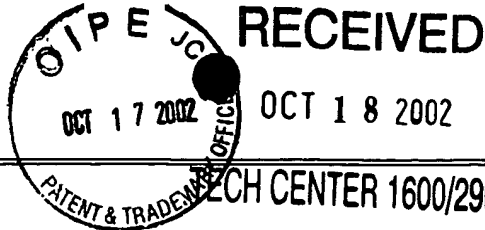
✓	Zan XU et al., <i>Molecular and Cellular Biology</i> , Vol. 20, No. 14, (July 2000), pp.5285-5299.
✓	Xiping BI et al., <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 23, (June 9, 2000), pp.17740-17746.
✓	Edith GOMEZ et al., <i>Molecular and Cellular Biology</i> , Vol. 20, No. 11, (June 2000), pp.3965-3976.
✓	Supratik DAS et al., <i>Molecular and Cellular Biology</i> , Vol. 20, No. 11, (June 2000), pp.3942-3950.
✓	Xiping Bi et al., <i>Biochemistry</i> , Vol. 39, (2000), pp.5758-5765.
	Glória M. THOMPSON et al., <i>Biochem. J.</i> , Vol. 347, (2000), pp.703-709.
✓	Bryan MCINTOSH et al., <i>Biochimie</i> , Vol. 82, (2000), pp.167-174.
✓	Vijay KUMAR et al., <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 15, (April 14, 2000), pp.10779-10787.
	Tapan MAITI et al., <i>Gene</i> , Vol. 244, (2000), pp.109-118.
✓	John L. BATTISTE et al., <i>Molecular Cell</i> , Vol. 5, (January 2000), pp.109-119.
✓	Shigenobu MORINO et al., <i>Molecular and Cellular Biology</i> , Vol. 20, No. 2, (January 2000), pp.468-477.
✓	Dietrich OBER et al., <i>PNAS</i> , Vol. 96, No. 26, (December 21, 1999), pp.14777-14782.
✓	Nancy J. RICHTER et al., <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 50, (December 10, 1999), pp.35415-35424.
✓	Dietrich OBER et al., <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 45, (November 5, 1999), pp.32040-32047.

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/	Qiyu LI et al., <i>Molecular and Cellular Biology</i> , Vol. 19, No. 11, (November 1999), pp.7336-7346.
/	Dorothea K. THOMPSON et al., <i>Molecular Microbiology</i> , Vol. 33, No. 5, (1999), pp.1081-1092.
/	Diana DOMINGUEZ et al., <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 38, (September 17, 1999), pp.26720-26726.
/	Sheri UMA et al., <i>Molecular and Cellular Biology</i> , Vol. 19, No. 9, (September 1999), pp.5861-5871.
/	Stuart A. WILSON et al., <i>Biochem. J.</i> , Vol. 342, (1999), pp.97-103.
/	Juan Manuel Palacios MORENO et al., <i>FEBS Letters</i> , Vol. 455, (1999), pp.130-134.
/	Marina PTUSHKINA et al., <i>The EMBO Journal</i> , Vol. 18, No. 14, (1999), pp.4068-4075.
/	Panda E.C. HERSHEY et al., <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 30, (July 23, 1999), pp.21297-21304.
/	Carrie L. NEFF et al., <i>Molecular and Cellular Biology</i> , Vol. 19, No. 8, (August 1999), pp.5557-5564.
/	Nathalie METHOT et al., <i>Molecular and Cellular Biology</i> , Vol. 14, No. 4, (April 1994), pp.2307-2316.
/	Stéphanie KERVESTIN et al., <i>EMBO reports</i> , Vol. 2, No. 8, (2001), pp.680-684.
/	Alim SEIT-NEBI et al., <i>Nucleic Acids Research</i> , Vol. 29, No. 19, (2001), pp.3982-3987.
/	Kevin S. WILSON et al., <i>Nature Structural Biology</i> , Vol. 7, No. 10, (October 2000), pp.866-870.

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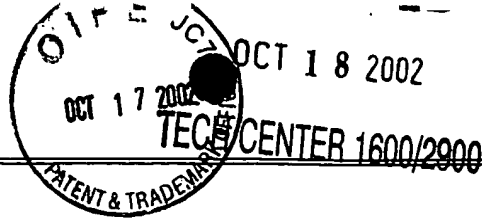


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	Kevin CZAPLINSKI et al., RNA, Vol. 6, (2000), pp.730-743.					
	Maria DONTSOVA et al., FEBS Letters, Vol. 472, (2000), pp.213-216.					
	Ludmila Yu. FROLOVA et al., RNA, Vol. 6, (2000), pp.381-390.					
	Ludmila Yu. FROLOVA et al., RNA, Vol. 5, (1999), pp.1014-1020.					
	Kanae EBIHARA et al., RNA, Vol. 5, (1999), pp.739-750.					
	Lily EURWILAICHITR et al., Molecular Microbiology, Vol. 32, No. 3, (1999), pp.485-496.					
	Tatyana I. MERKULOVA et al., FEBS Letters, Vol. 443, (1999), pp.41-47.					
	Lyudmila Y. FROLOVA et al., Eur. J. Biochem., Vol. 256, (1998), pp.36-44.					
	Koichi ITO et al., RNA, Vol. 4, (1998), pp.958-972.					
X	Koichi ITO et al., Proc. Natl. Acad. Sci., Vol. 95, (July 1998), pp.8165-8169.					
	Kevin CZAPLINSKI et al., Genes & Development, Vol. 12, (1998), pp.1665-1677.					
	K. ITO et al., Biochimie, Vol. 79, (1997), pp.287-292.					
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✓	Xavier GOFF et al., <i>Molecular and Cellular Biology</i> , Vol. 17, No. 6, (June 1997), pp.3164-3172.					
✓	Sergey V. PAUSHKIN et al., <i>Molecular and Cellular Biology</i> , Vol. 17, No. 5, (May 1997), pp.2798-2805.					
✓	M. UNO et al., <i>Biochimie</i> , Vol. 78, (1996), pp.935-943.					
✓	Yoichi KAWAZU et al., <i>Journal of Bacteriology</i> , Vol. 177, No. 19, (October 1995), pp.5547-5553.					
✓	Luba TIMCHENKO et al., <i>Proc. Natl. Acad. Sci.</i> , Vol. 91, (March 1994), pp.2777-2780.					
✓	Craig M. JOHNSON et al., <i>Journal of General Virology</i> , Vol. 82, (2001), pp.2935-2943.					
	Ruth FURUKAWA et al., <i>Biochimica et Biophysica Acta</i> , Vol. 1527, (2001), pp.130-140.					
	Lian N. OLSTHOORN-TIELEMAN et al., <i>European Journal of Biochemistry</i> , Vol. 268, No. 13, (July 2001), pp.3807.					
	Kouji NAKAMURA et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 25, (June 22, 2001), pp.22844-22849.					
	Takashi OHTSUKI et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 24, (June 15, 2001), pp.21571-21577.					
	Eulàlia de NADAL et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 18, (May 4, 2001), pp.14829-14834.					
	Choukri Ben MAMOUN et al., <i>Molecular Microbiology</i> , Vol. 39, (2001), pp.973-981.					
	Tricia A. DIGGLE et al., <i>Biochem. J.</i> , Vol. 353, (2001), pp.621-626.					
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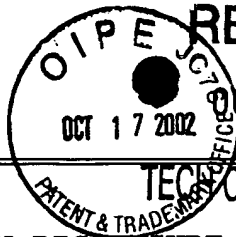
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✓	Guennadi KOZLOV et al., <i>Journal of Biomolecular NMR</i> , Vol. 17, (2000), pp.187-194.
/	Ryan BINGHAM et al., <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 30, (July 28, 2000), pp.23219-23226.
/	Anne CARR-SCHMID et al., <i>Molecular and Cellular Biology</i> , Vol. 19, No. 8, (August 1999), pp.5257-5266.
/	Andrea CIMARELLI et al., <i>Journal of Virology</i> , Vol. 73, No. 7, (July 1999), pp.5388-5401.
/	Oleh KOVALCHUKE et al., <i>Eur. J. Biochem.</i> , Vol. 258, (1998), pp.986-993.
/	Shin-ichiro KIDOU et al., <i>FEBS Letters</i> , Vol. 434, (1998), pp.382-386.
/	Martina NESPER et al., <i>Eur. J. Biochem.</i> , Vol. 255, (1998), pp.81-86.
/	Masato UMIKAWA et al., <i>Oncogene</i> , Vol. 16, (1998), pp.2011-2016.
/	T. GEORGIOU et al., <i>Proc. Natl. Acad. Sci.</i> , Vol. 95, (March 1998), pp.2891-2895.
/	Yasushi KAWAGUCHI et al., <i>Journal of Virology</i> , Vol. 71, No. 2, (February 1997), pp.1019-1024.
/	M. KROMAYER et al., <i>J. Mol. Biol.</i> , Vol. 262, (1996), pp.413-420.
/	Anneke TALENS et al., <i>Biochemical and Biophysical Research Communications</i> , Vol. 225, No. 1279, (1996), pp.961-967.
/	Constantinos STATHOPOULOS et al., <i>PNAS</i> , Vol. 98, No.25, (December 4, 2001), pp.14292-14297.

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	Hongfang QIU et al., <i>The EMBO Journal</i> , Vol. 20, No. 6, (2001), pp.1425-1438.
	Shipra BUNJUN et al., <i>PNAS</i> , Vol. 97, No. 24, (November 21, 2000), pp.12997-13002.
	David R. LIU et al., <i>Proc. Natl. Acad. Sci.</i> , Vol. 94, (September 1997), pp.10092-10097.
	G. PARAVICINI et al., <i>Biochemical and Biophysical Research Communications</i> , Vol. 227, (1996), pp.82-87.
	Takuya UEDA et al., <i>Nucleic Acids Research</i> , Vol. 19, No. 3, (1991), pp.547-552.
	Hideki TOHDA et al., <i>Journal of Biotechnology</i> , Vol. 34, (1994), pp.61-69.
	Yoshihiro SHIMIZU et al., <i>Biochemistry/Seikagaku</i> (The Japanese Biochemical Society), Vol. 71, No. 8, (August 25, 1999), pp.1085. Translation of Document 244.
	Yoshihiro SHIMIZU, Translation of Presentation in 1999, not published (Document No. 245).
	Yoshihiro SHIMIZU et al., Translation of Presentation, not published, The 2 <sup>nd</sup> RNA Meeting, (July 31-August 2, 2000), Shinagawa Prince Hotel Annex, Tokyo (Document No. 246)
	Yoshihiro SHIMIZU et al., Partial translation of Presentation, 2000, not published (Document No. 247).
	Yoshihiro SHIMIZU et al., <i>Nature Biotechnology</i> , Vol. 19, (August 2001), pp.751-755.

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